

Patent Claims

1. A recording or reproduction apparatus for optical
recording media with means for parallel
5 orientation of the scanning device (P) with
respect to the surface of the recording medium
(D), wherein a tensioning element (1) is provided,
by means of which a guide rod (4) of the scanning
device (P) is fixed on a baseplate (7) in order to
10 avoid a force transmission leading to the bending
of the guide rod, said force transmission
disadvantageously issuing from fixing or adjusting
means, in an adjustable manner in a plane
corresponding to the cross section of the guide
15 rod (4).
2. The recording or reproduction apparatus as claimed
in claim 1, wherein an adjusting screw (3) is
provided for adjusting the guide rod (4), which
20 adjusting screw is arranged in a shaped portion
(5) of the baseplate (7) and on the end face of
which adjusting screw is fixed the guide rod (4),
for parallel orientation of the scanning device
(P) with respect to the surface of the recording
25 medium (D) or with respect to the surface of a
disc turntable (T) that receives the recording
medium (D), by means of the tensioning element
(1).
- 30 3. The recording or reproduction apparatus as claimed
in claim 1, wherein the tensioning element (1) is
a spring element which is shaped in desk-like
fashion and whose chamfer fixes the guide rod (4)
on the end face of the adjusting screw (3) in an
35 adjustable manner.
4. The recording or reproduction apparatus as claimed
in claim 1, wherein the tensioning element (1) is
embodied with a lug (N) engaging into a cutout (6)

of a shaped portion (5) of the baseplate (7) and as a spring element enclosing the shaped portion (5), said spring element being self-retaining.

- 5 5. The recording or reproduction apparatus as claimed
in claim 1, wherein the fixing of the guide rod
(4) by means of the tensioning element (1) in a
plane corresponding to the cross section of the
guide rod (4) is provided as a three-point fixing
10 at the periphery of the guide rod (4).
- 15 6. The recording or reproduction apparatus as claimed
in claim 1, wherein the tensioning element (1) has
a bead (2) provided for a linear fixing of the
guide rod (4) on a shaped portion (5) and the
guide rod (4) can be adjusted by means of an
adjusting screw (3) at an angle to the linear
fixing of the guide rod (4).
- 20 7. The recording or reproduction apparatus as claimed
in claim 1, wherein a shaped portion (5) having
two limbs arranged at an angle to one another is
provided on the baseplate (7), on which limbs the
guide rod (4) is fixed in an adjustable manner by
25 means of the tensioning element (1).
- 30 8. The recording or reproduction apparatus as claimed
in claim 1, wherein a shaped portion (5) having
two limbs arranged at an angle to one another is
provided on the baseplate (7), of which limbs one
limb receives, in a threaded hole, an adjusting
screw (3) for parallel orientation of the guide
rod (4) with respect to a surface of the recording
medium (D), and the other limb has a rib (R) and
35 the tensioning element (1) fixes the guide rod (4)
in an adjustable manner with the end face of the
adjusting screw (3) and in a manner bearing on the
rib (R) of the limb of the shaped portion (5) of
the baseplate (7).

9. The recording or reproduction apparatus as claimed in claim 8, wherein the center of the end face of the adjusting screw (3), the rib (R) of the limb of the shaped portion (5) of the baseplate (7) and a bead (2) of the tensioning element (1) are arranged in a plane corresponding to the cross section of the guide rod (4).
10. The recording or reproduction apparatus as claimed in claim 1, wherein the tensioning element (1) is a desk-like spring element whose chamfer arranges the guide rod (4) on a shaped portion (5) of the baseplate (7), in which an adjusting screw (3) is arranged, in an adjustable manner by wrapping around the shaped portion (5).